Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. OF PATENT AND TRADEMARK OFFICE 040373-0306 Unassigned (MODIFIED) APPLICANT INFORMATION DISCLOSURE CITATION Toshihiko OKAMURA **FILING DATE GROUP ART UNIT** (Use several sheets if necessary) August 31, 2001 **U.S. PATENT DOCUMENTS FILING DATE EXAMINER** DOCUMENT SUB-DATE NAME **CLASS REF** INITIAL **CLASS** NUMBER **APPROPRIATE** 375 A₁ 6,252,917 6/26/01 Freeman 340 **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT SUB-**REF** DATE COUNTRY **CLASS** NUMBER **CLASS** E NO DH 2000-101453 4/7/00 Japan Abstract **A2** 2000-201085 7/18/00 Japan Abstract **A3** 2000-091927 3/31/00 **A4** Japan Abstract 2000-078029 3/14/00 **A5** Japan Abstract 11-163742 6/18/99 Japan **Abstract A6 A7** 63-045921 2/26/88 Japan Abstract OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) P. Robertson et al. "A Comparison of Optimal and Sub-optimal MAP Decoding Algorithms in the Log Domain", **A8** Institute for Communications Technology, pgs. 1009-1013, (1995). G. Masera et al., "VLSI Architectures for Turbo Codes", IEEE Transactions on VLSI Systems, pgs. 369-379. **A9** A.J. Viterbi, "An Intutive Justification and a Simplified Implementation of the MAP Decoder for Convolutional A10 Codes", IEEE Journal on Selected Areas, pgs. 260-264, (1998). S. Benedetto et al., * Soft Output Decoding Algorithms for Continuous Decoding of Parallel Concatenated A11 Convolutional Codes", pgs. 112-117, ICC '96, (1996). L.R. Bahl et al., "Optimal decoding of Linear Codes for Minimizing Symbol Error Rate", IEEE Transactions on A12 Information Theroy, pgs. 284-287, (1974). C. Berrou et al., "Near Shannon Limit Error-Correcting Coding and Decoding Turbo-Codes", ICC '95, pgs. A13 1064-1070, (1993) **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include any copy of this form with next

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